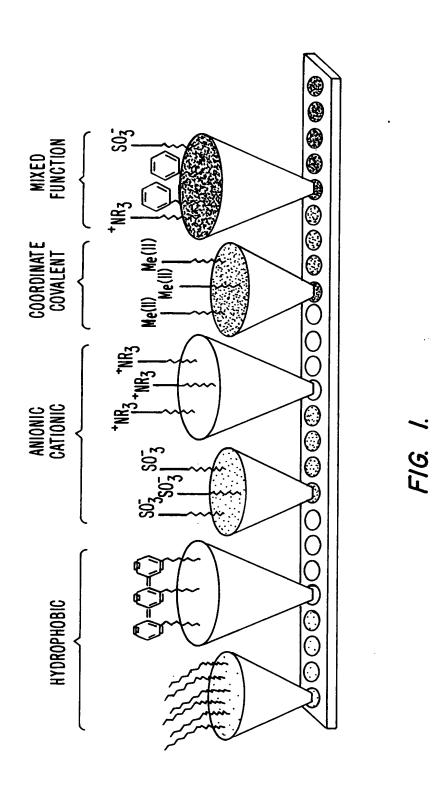
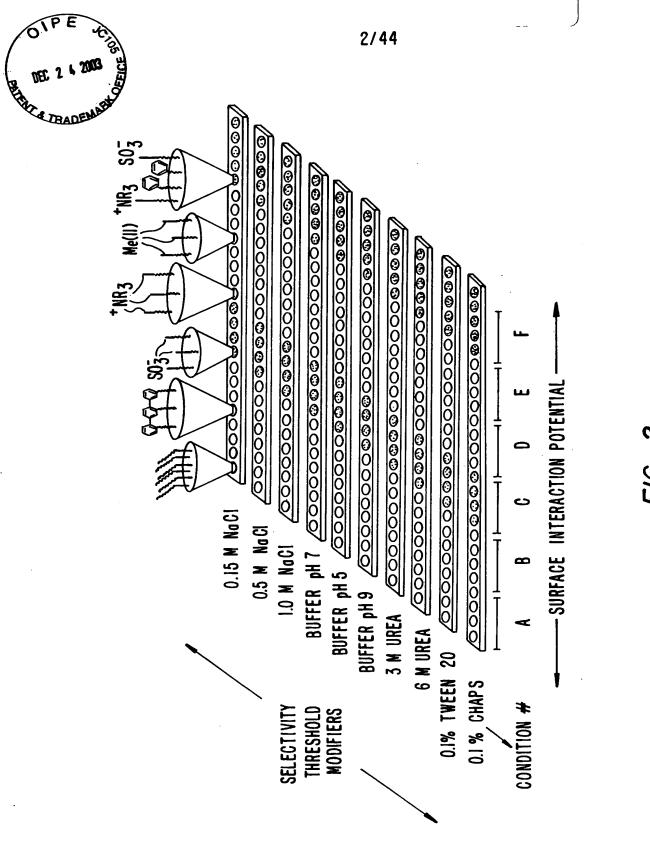
Application No.: 10/626,301
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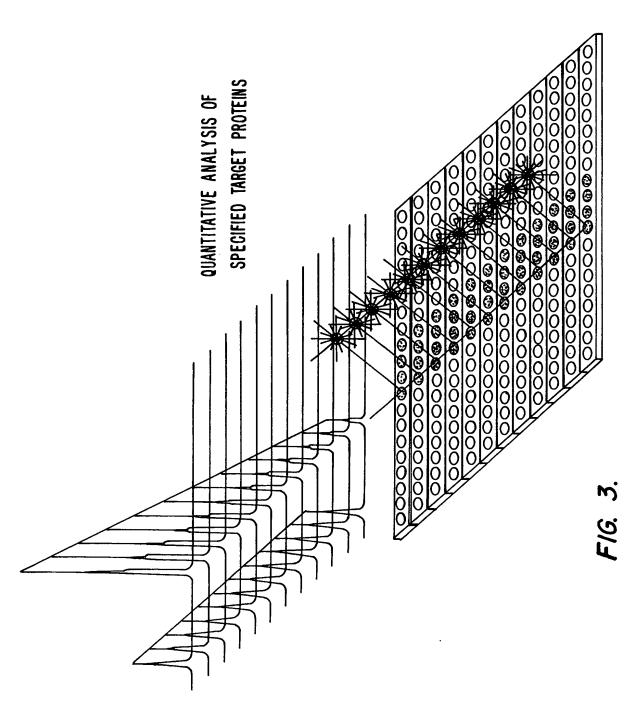
Application No.: 10/626,301
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-16. 2.

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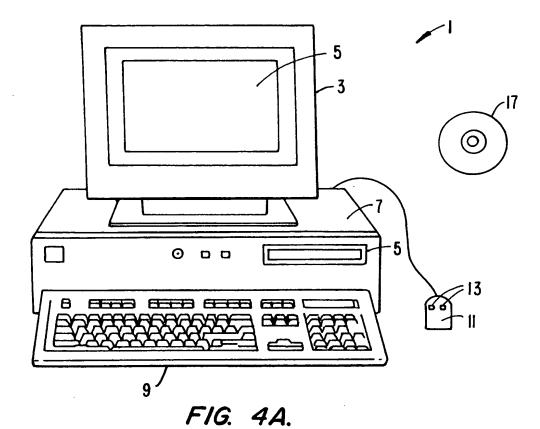




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EXECUTION OF THE PROPERTY OF T





- 106 <sub>7</sub> 104 <sub>-</sub>102 **-120** CENTRAL PROCESSOR SYSTEM 1/0 **SPEAKER** CONTROLLER **MEMORY** -122 ا 108 **DISPLAY ADAPTER - 112** - 116 -118 REMOVABLE DISK **FIXED NETWORK MONITOR KEYBD** DISK INTERFACE

FIG. 4B.

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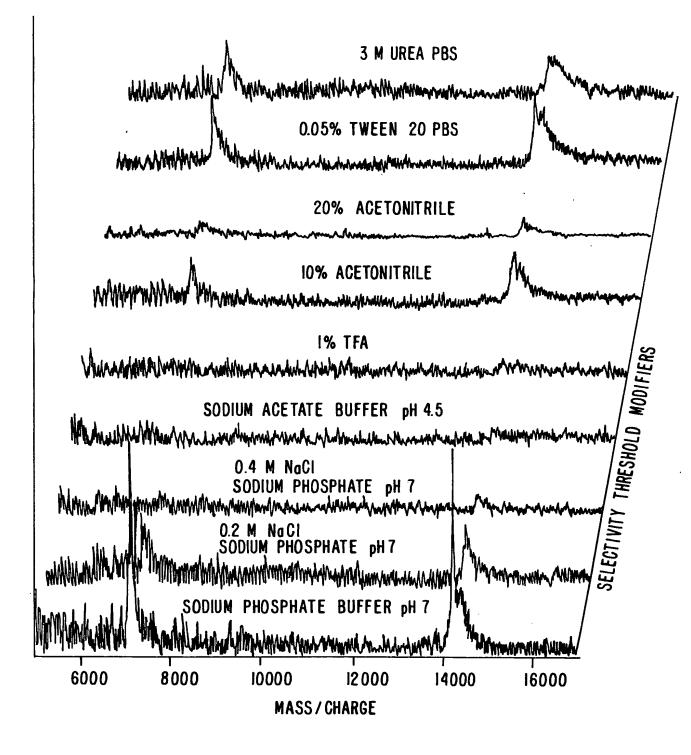


FIG. 5A.

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WITH APPLICATIONS IN BIOLOGY AND MEDICINE OIPE Sheet 6 of 44 DEC 2 4 2003 6/44 RADEM! 3 M UREA PBS 0.05% TWEEN 20 PBS 50% ACETONITRILE SELECTIVITY THRESHOLD MODIFIERS 20% ACETONITRILE 10% ACETONITRILE 0.1% TFA 6000 8000 14000 10000 12000 18000 16000 MASS/CHARGE

FIG. 5B.



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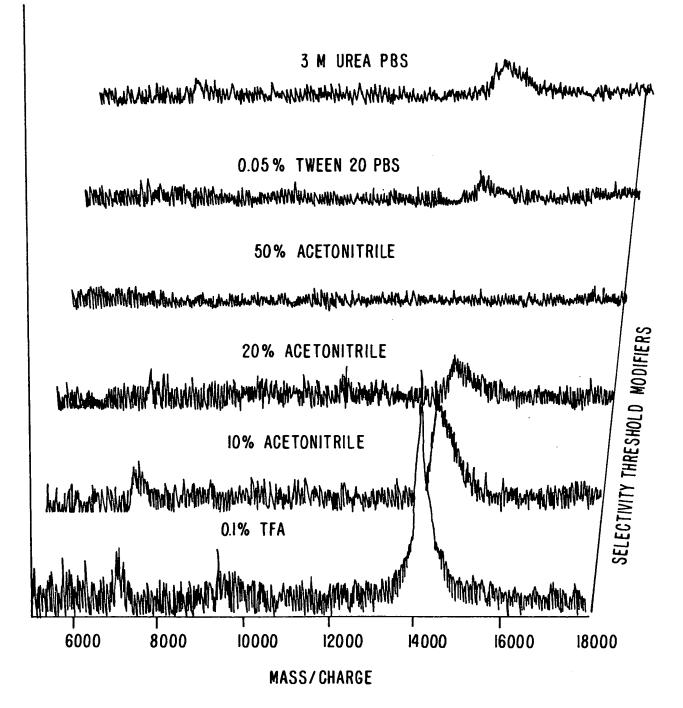


FIG. 5C.



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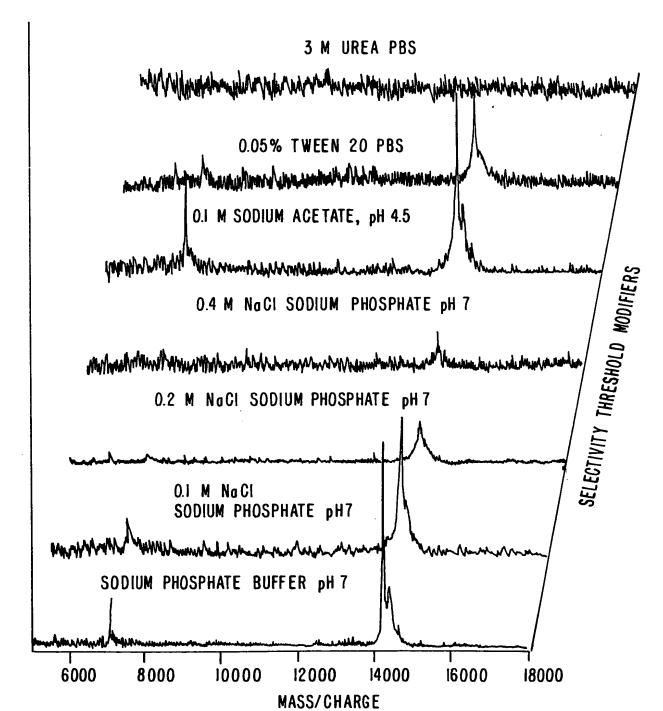


FIG. 5D.

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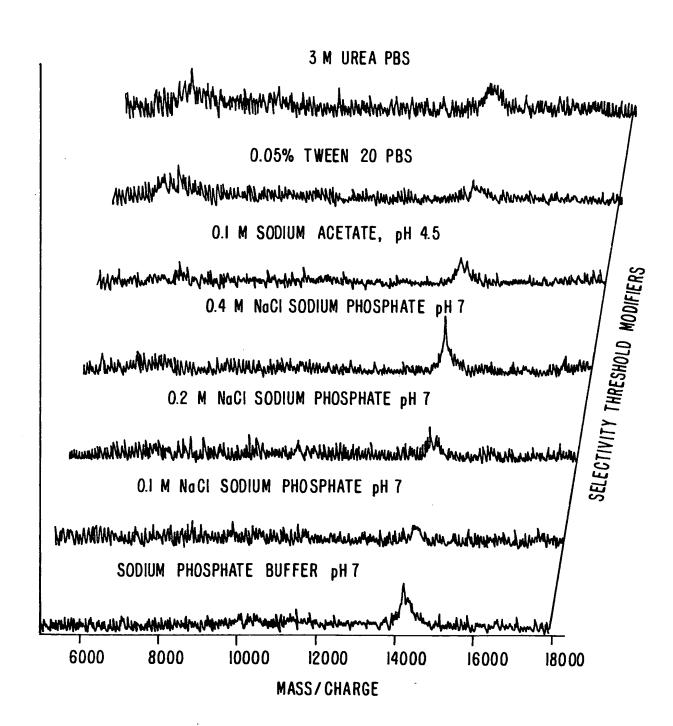


FIG. 5E.

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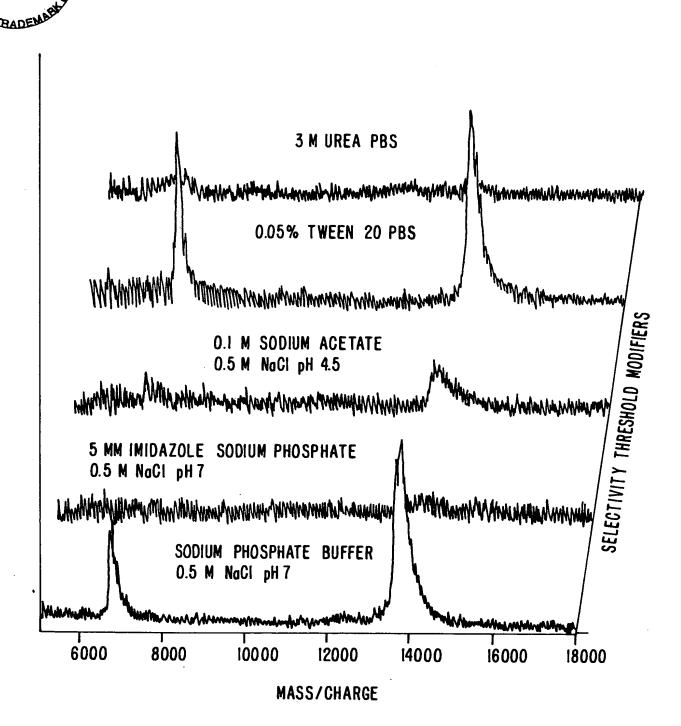


FIG. 5F.

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Applicant: T. William Hutchens et al.
Title: RETENTATE CHROMATOGRAPHY AND PROTEIN CHIP ARRAYS
WITH APPLICATIONS IN BIOLOGY AND MEDICINE Sheet 11 of 44 11/44 RADENS 3 M UREA PBS 0.05% TWEEN 20 PBS 0.1 M SODIUM ACETATE 0.5 M NaCl pH 4.5 SELECTIVITY THRESHOLD MODIFIERS 5 MM IMIDAZOLE SODIUM PHOSPHATE 0.5 M NaCl pH 7 SODIUM PHOSPHATE **BUFFER** 0.5 M NaCl pH 7 4000 6000 8000 10000 12000 MASS/CHARGE

FIG. 6A.

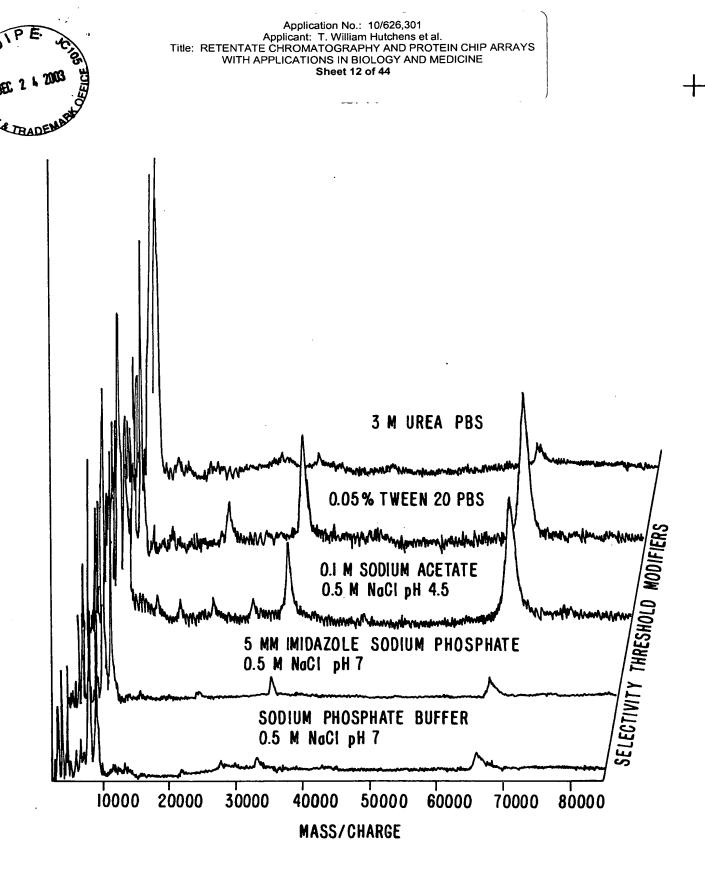


FIG. 6B.



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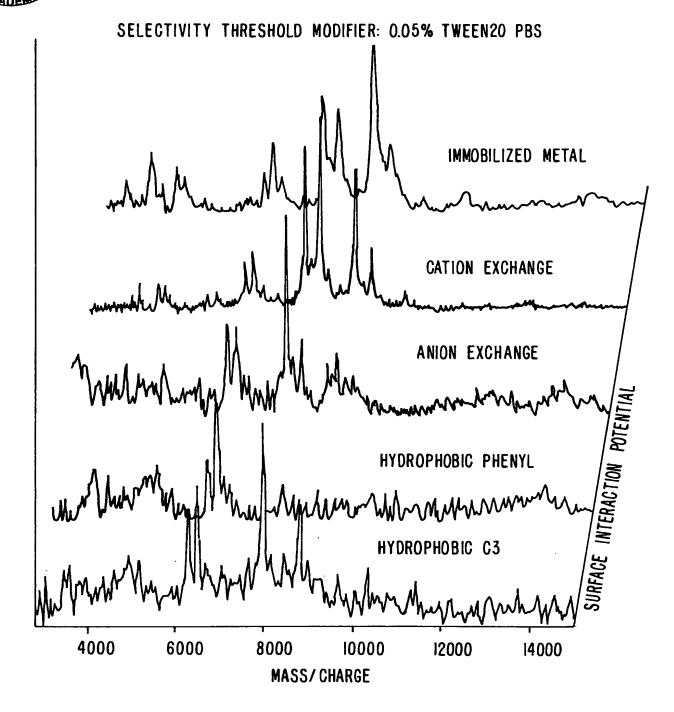


FIG. 7A.

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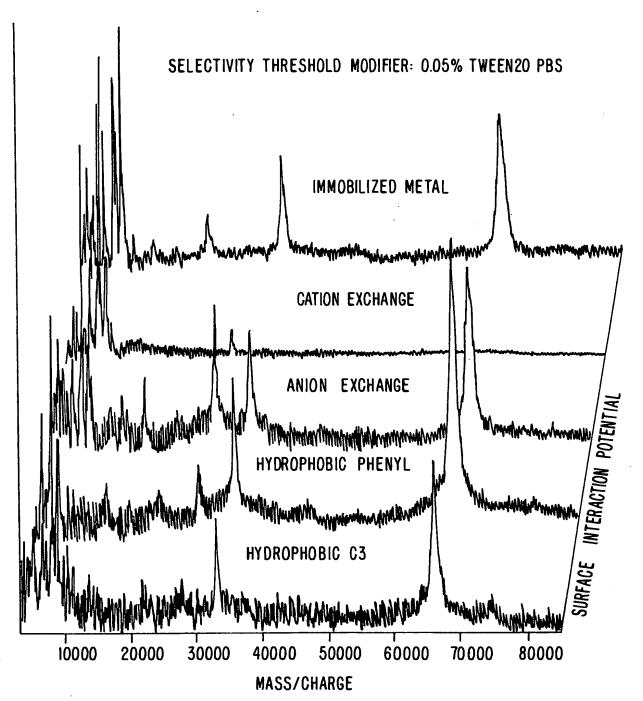
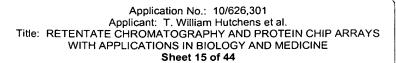


FIG. *78.* 





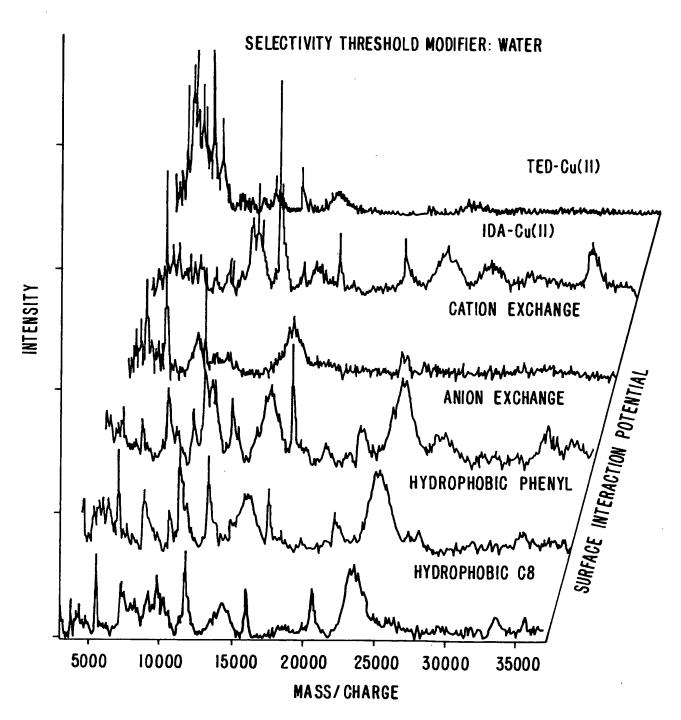


FIG. 8A.

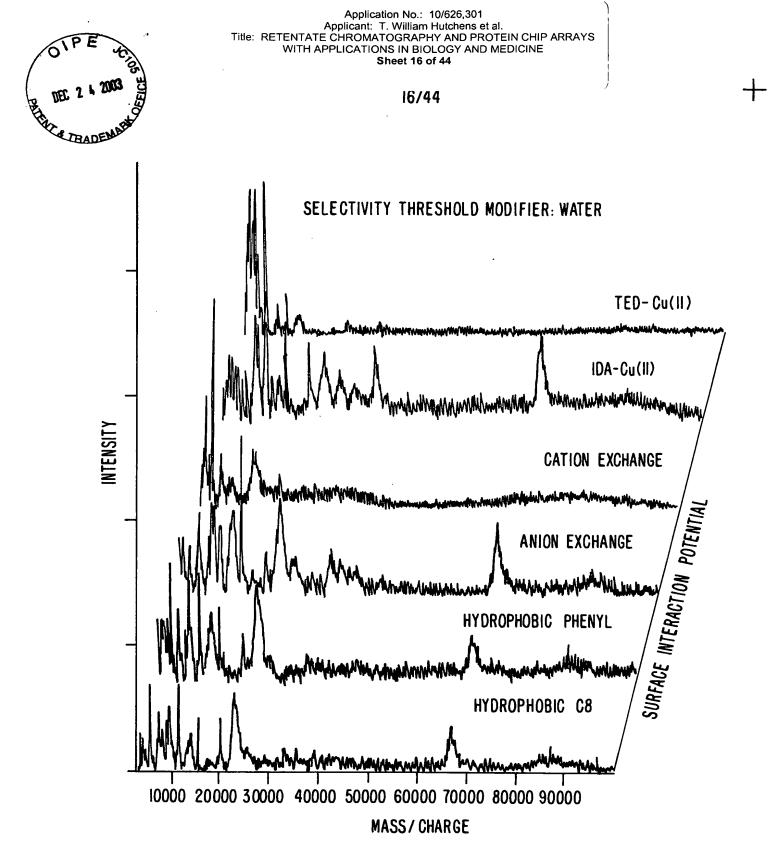


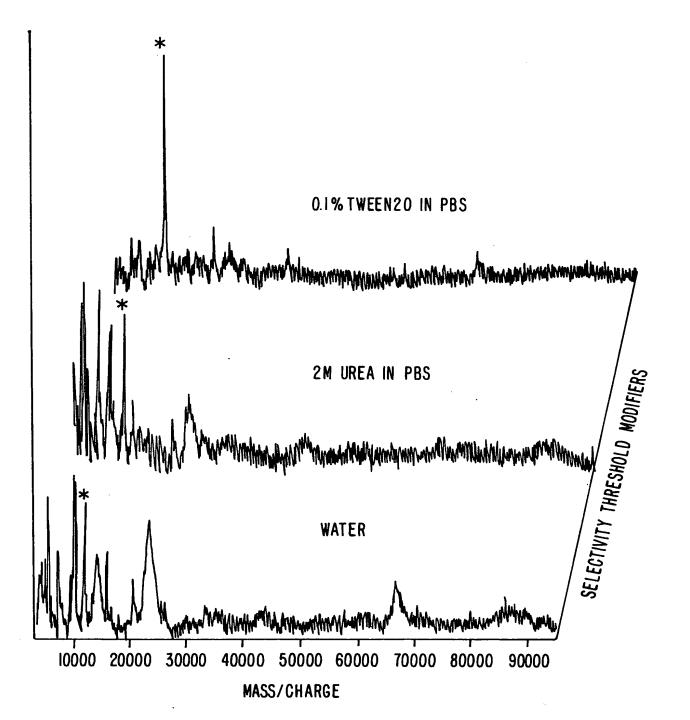
FIG. 8B.



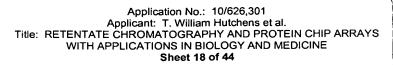
Application No.: 10/626,301
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F/G. 9.





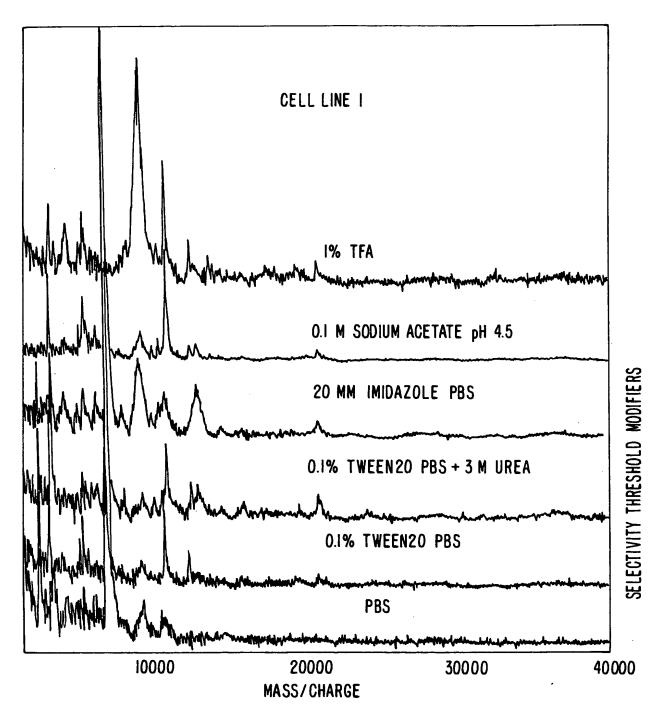


FIG. IOA.

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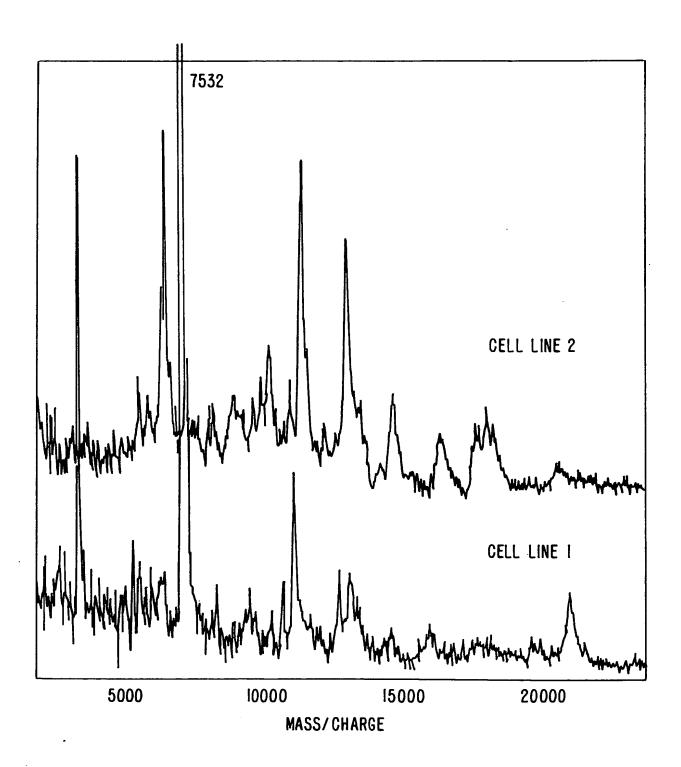


FIG. IOB.

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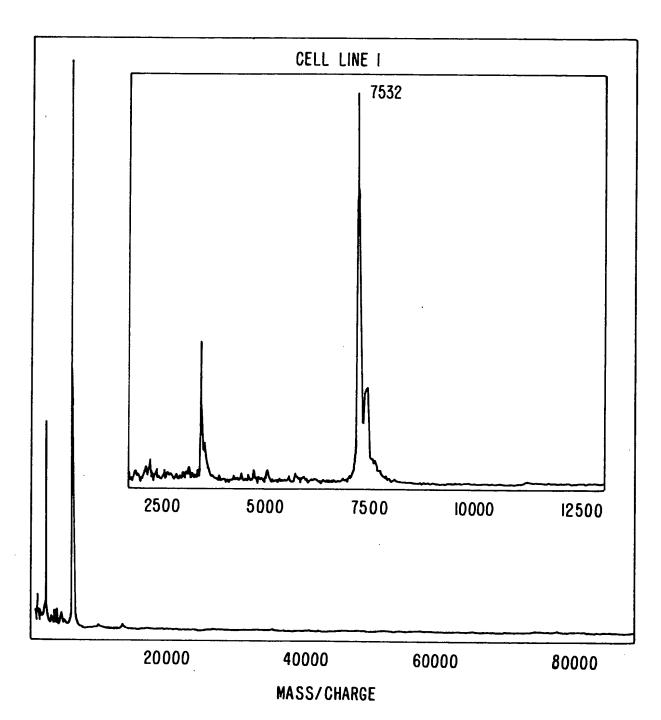


FIG. IOC.



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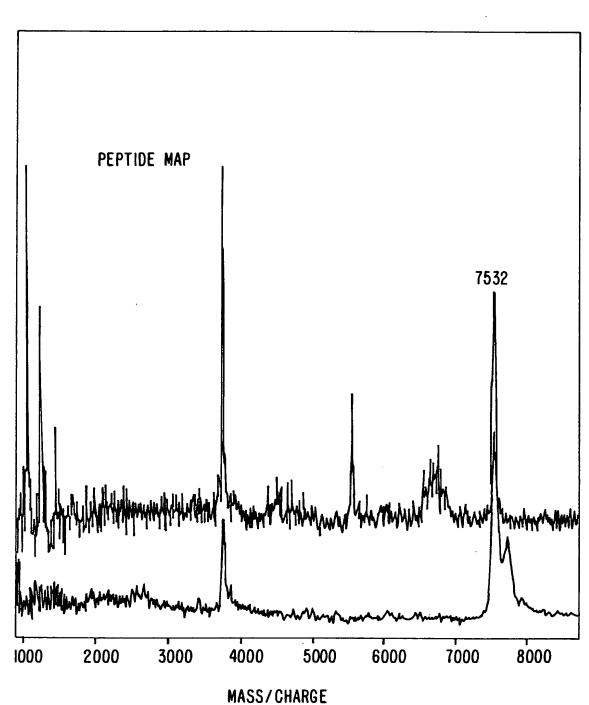
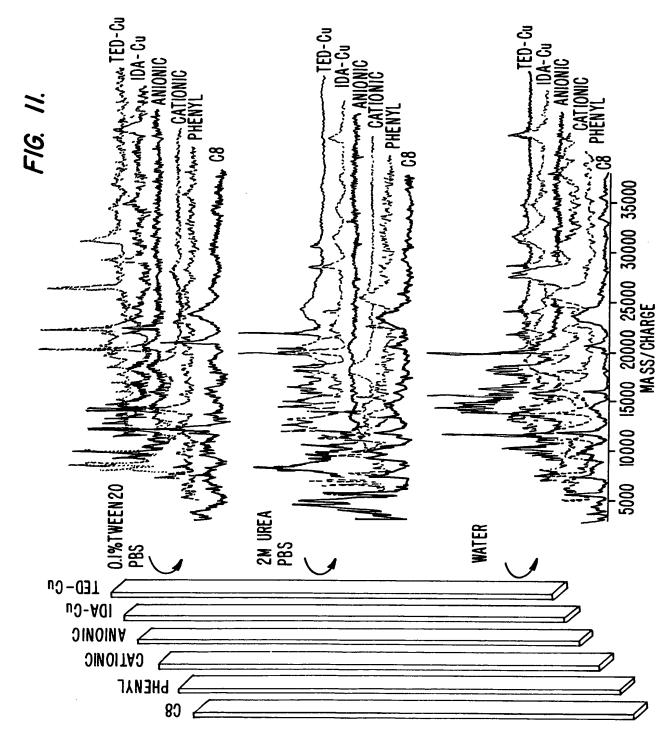


FIG. IOD.









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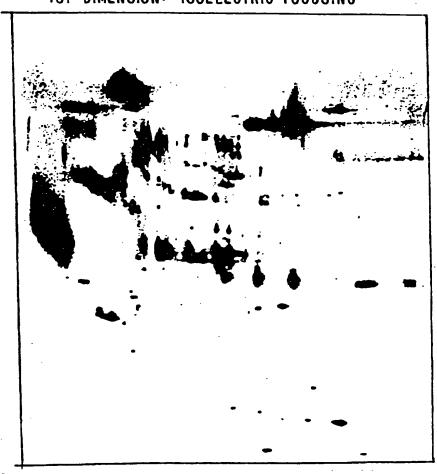


FIG. 12.

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TARGET PROTEIN

ANTI-PHAGE Ab

PROTEIN A/G

scF v

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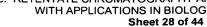
TARGET PROTEIN DISPL ACED DRUG (V CANDIDATES TARGET Protein မ 8

Application No.: 10/626,301
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WITH APPLICATIONS IN BIOLOGY AND MEDICINE
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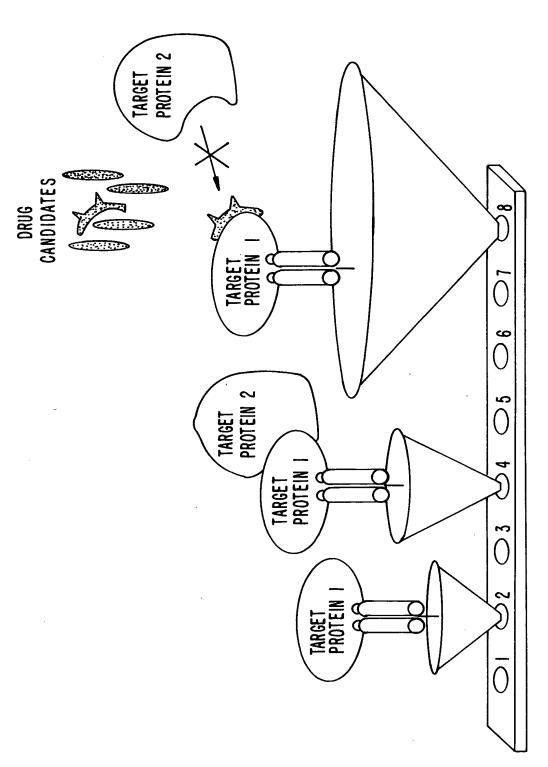
Applicant: T. William Hutchens et al.

Title: RETENTATE CHROMATOGRAPHY AND PROTEIN CHIP ARRAYS
WITH APPLICATIONS IN BIOLOGY AND MEDICINE

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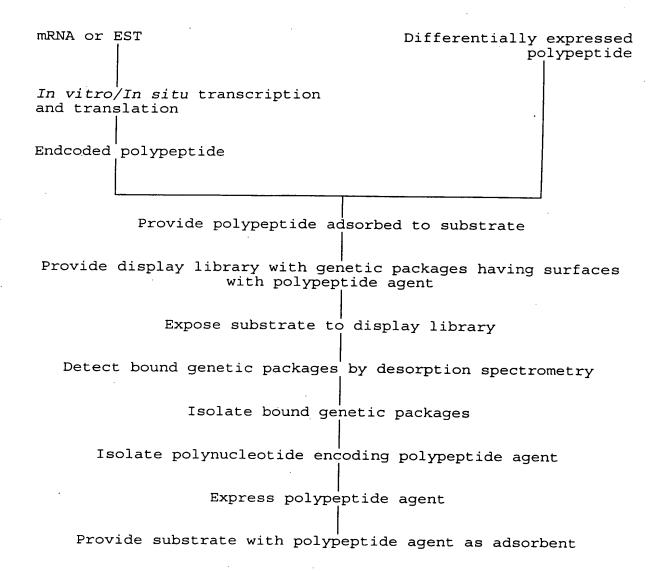






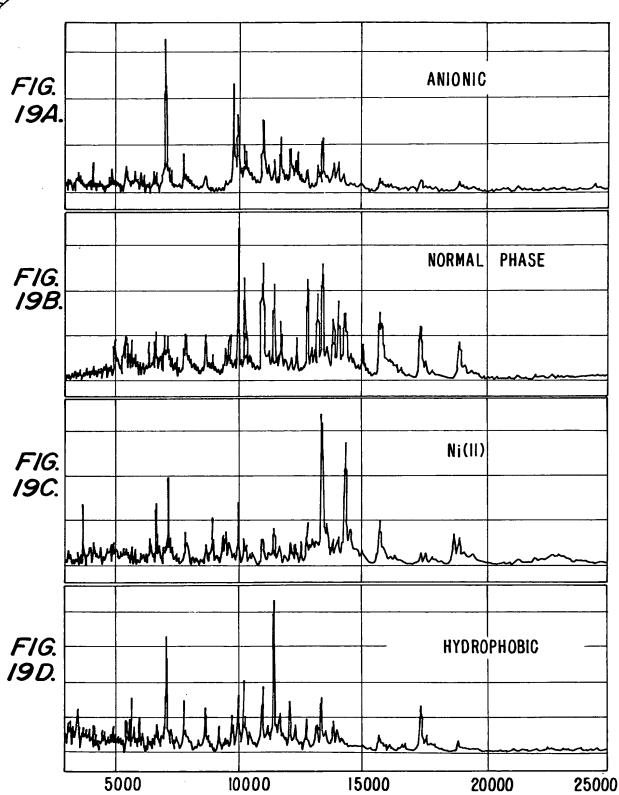
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## Fig. 18



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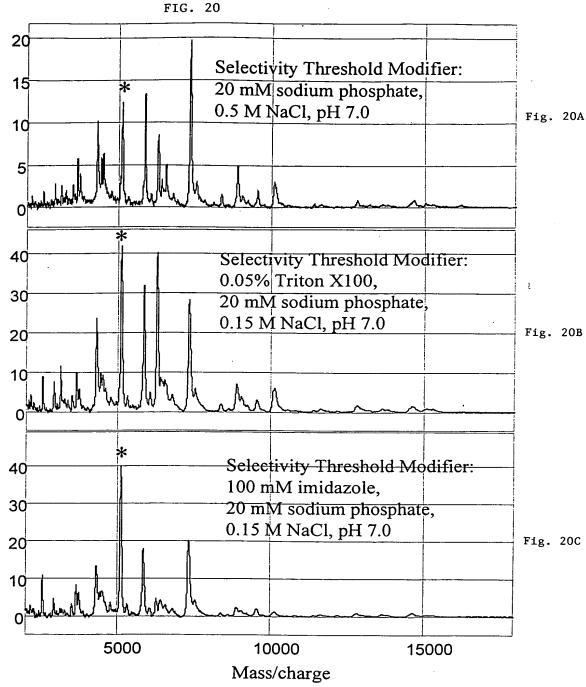
Application No.: 10/626,301
Applicant: T. William Hutchens et al.
Title: RETENTATE CHROMATOGRAPHY AND PROTEIN CHIP ARRAYS
WITH APPLICATIONS IN BIOLOGY AND MEDICINE

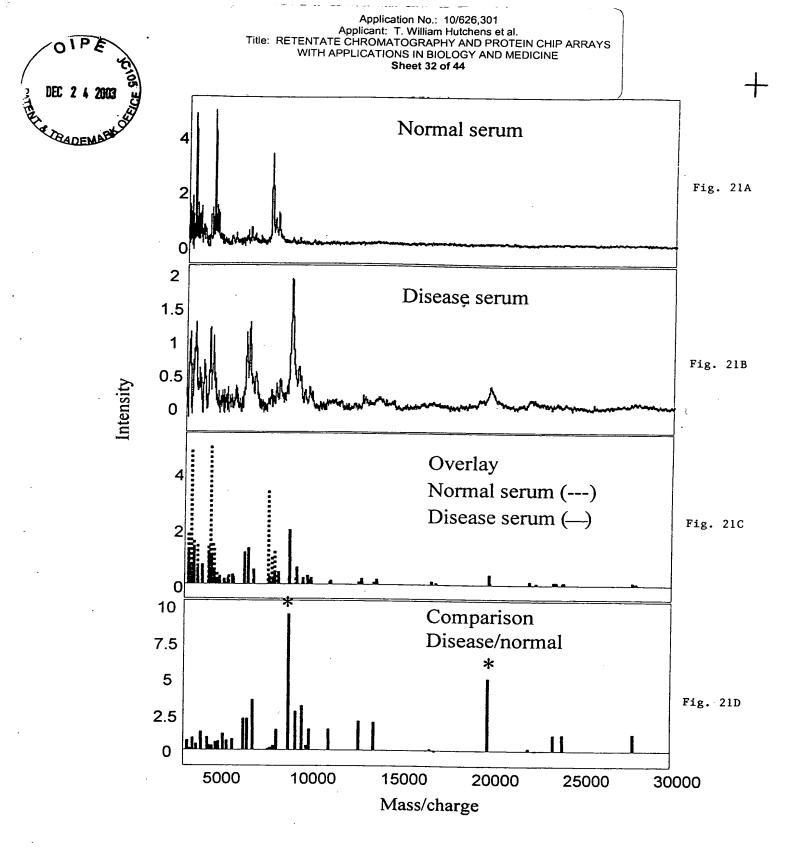


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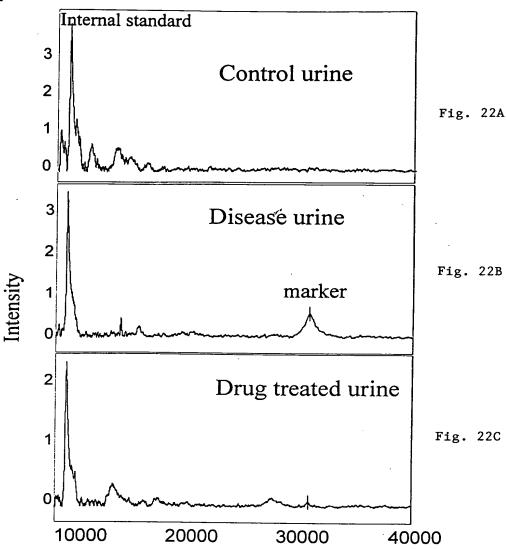




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FIG. 22



Sample	Protein	Area	Intensity
Disease	Int std	1139.044	3.340518
	marker	695.4804	0.580081
Drug treated	Int std	1383.883	3.780178
	marker	71.05119	0 143227

Fig. 22D

Normalized marker peak area (marker/internal std):

Control

0.0

Disease

0.61

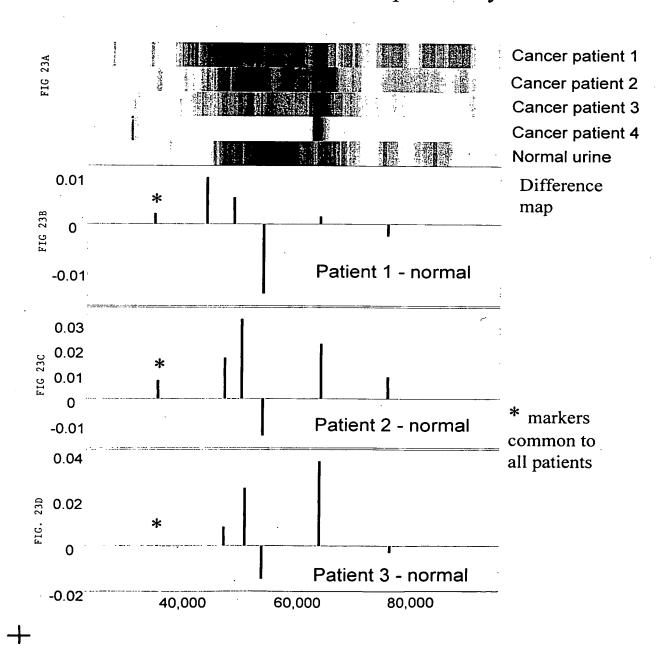
Drug treated

0.05





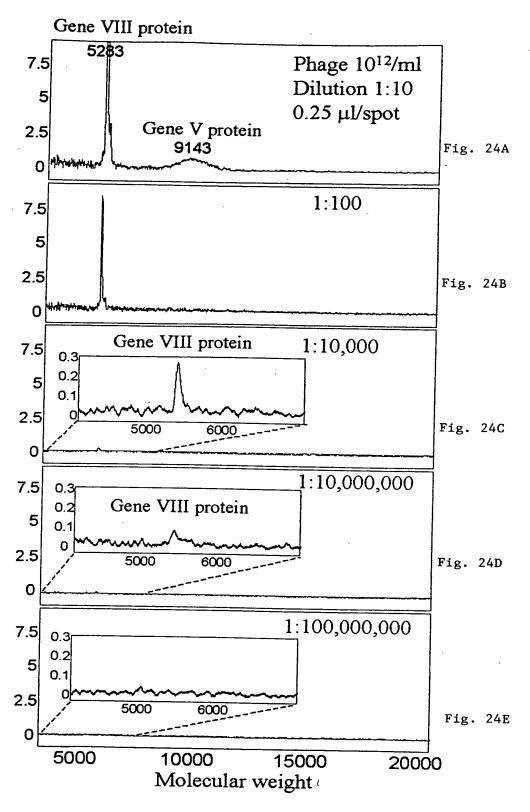
Retentate Map<sup>TM</sup> of Human Urine SELDI ProteinChip<sup>TM</sup> Array





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FIG. 24

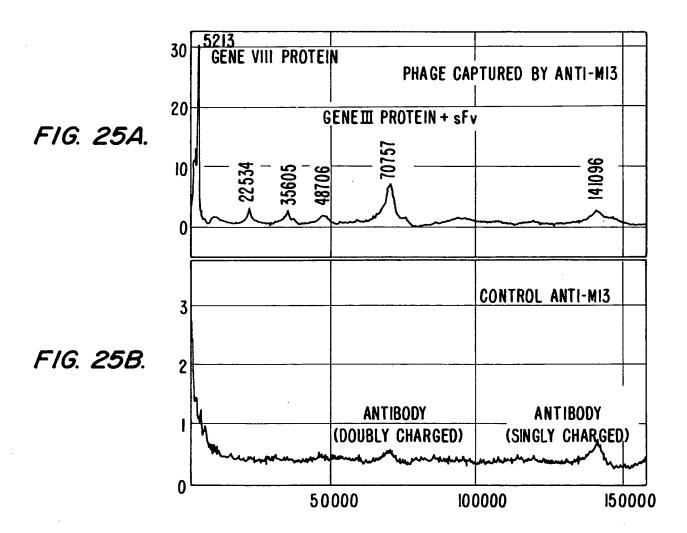




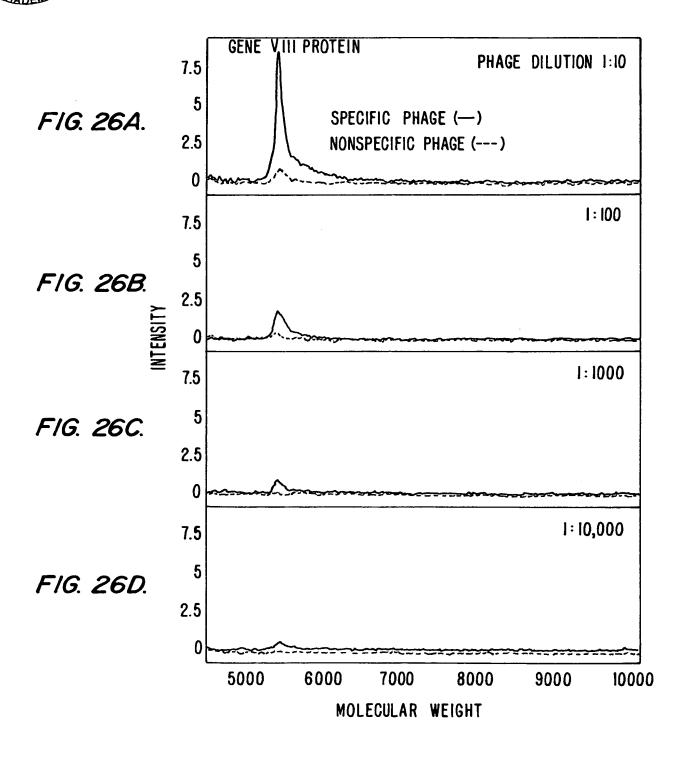


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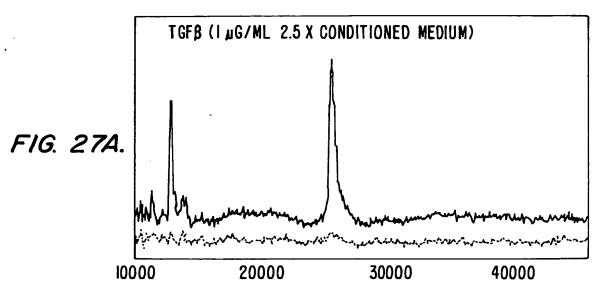




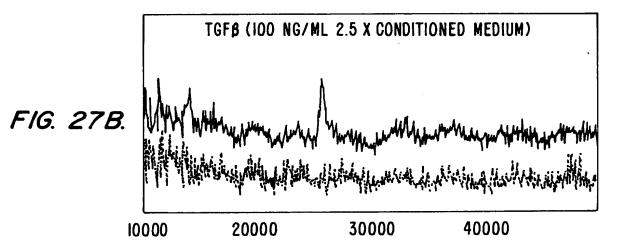


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BINDING IN THE PRESENCE OF EXCESS FREE RECEPTOR (----)



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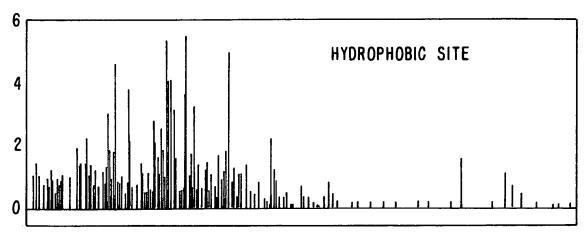


FIG. 28A.

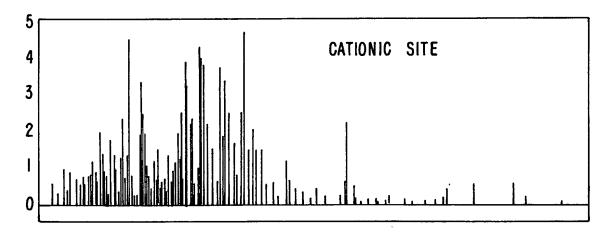


FIG. 28B.

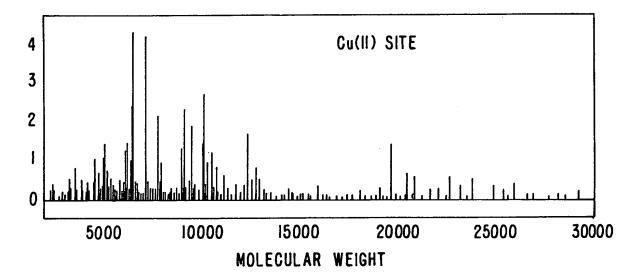
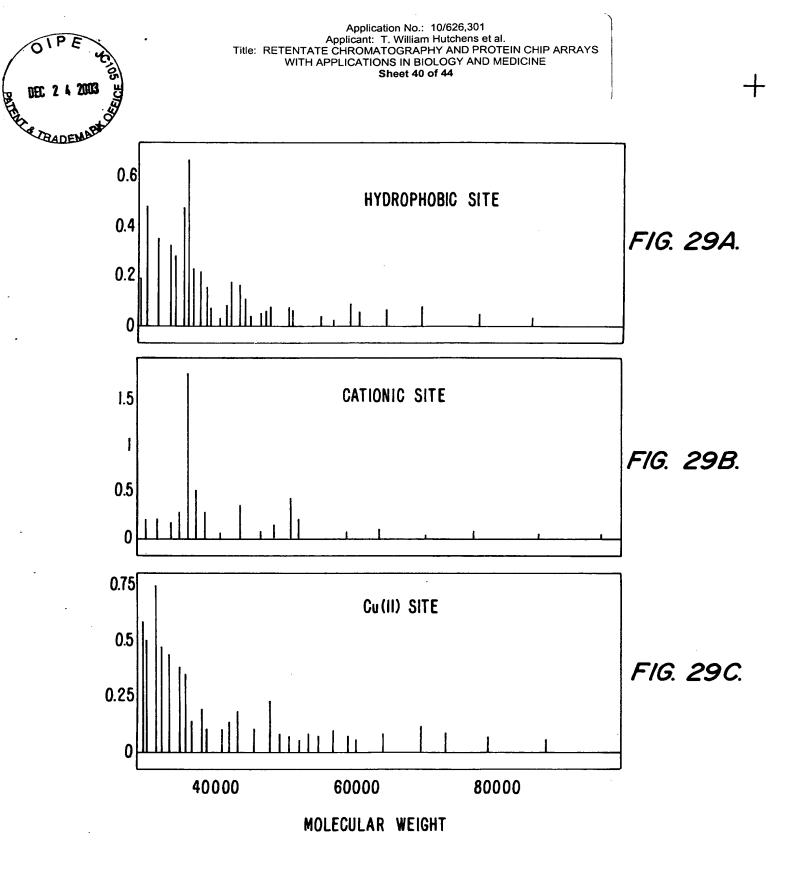


FIG. 28C.





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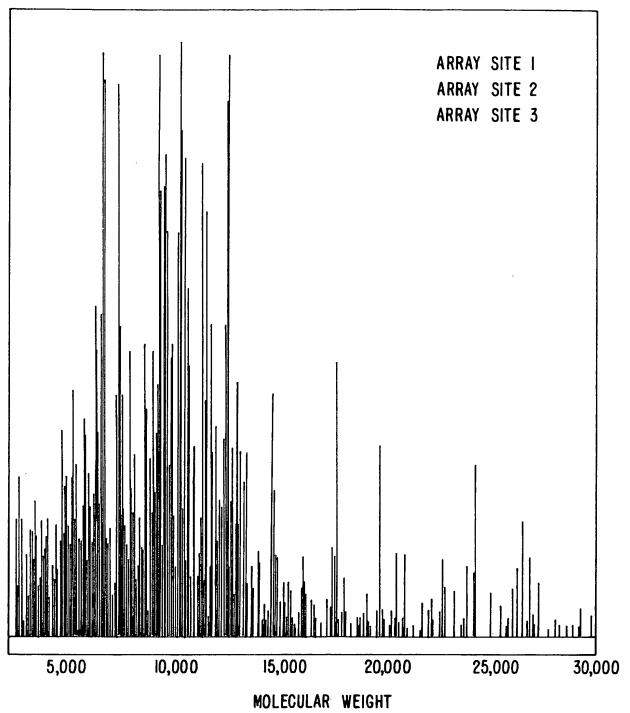


FIG. 30.



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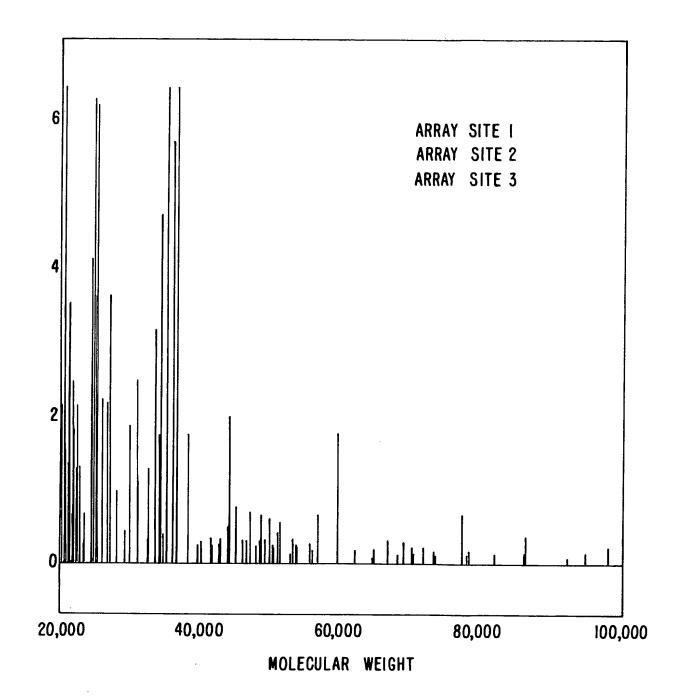


FIG. 31.

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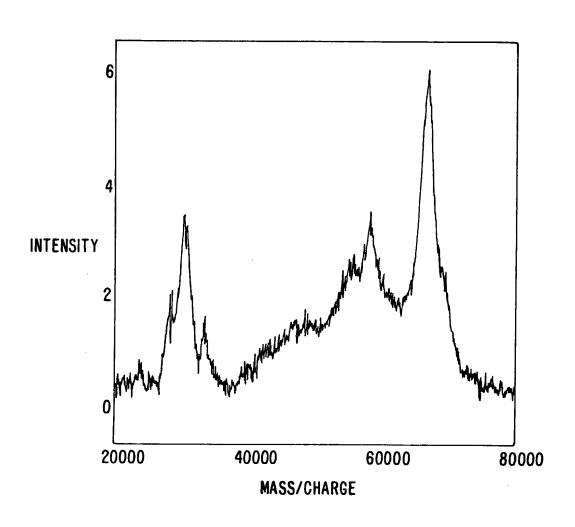


FIG. 32.



